

WATER QUALITY M E M O R A N D U M

Utah Coal Regulatory Program

August 20, 2003

TO: Internal File

THRU: Daron Haddock, Permit Supervisor *DH*

FROM: Steve Fluke, Reclamation Hydrogeologist *SF*

RE: 2003, First Quarter Water Monitoring, Canyon Fuel Company,
Gordon Creek 2, 7, & 8, C/007/0016-WQ03-1, Task ID #91

1. Was data submitted for all of the MRP required sites? YES [] NO [X]

No data submitted for site 2-7-W. There was no flow at all other sites with the exception of site 2-2-W.

2. On what date does the MRP require a five-year resampling of baseline water data.

No baseline resampling due – permit expires 08/24/2004.

3. Were all required parameters reported for each site? YES [] NO [X]

Missing from site 2-2-W: dissolved oxygen (field), oil and grease, and dissolved magnesium.

4. Were irregularities found in the data? YES [] NO [X]

A high field-measured specific conductivity of 1182 umhos/cm was reported for site 2-2-W for 02/28/2003. However, it has been attributed to “possible contamination from snowmelt”, and the January and March 2003 measurements were normal.

5. Were DMR forms submitted for all required sites?

1st quarter, 1st month, YES [X] NO []
2nd month, YES [X] NO []
3rd month, YES [X] NO []

No flow reported for UPDES site 2-1-W.

6. Were all required DMR parameters reported?

YES [X] NO []

7. Were irregularities found in the DMR data?

YES [] NO [X]

8. Based on your review, what further actions, if any, do you recommend?

- Determine the status of monitoring at site 2-7-W. Have data input in database if available. If the site was not monitored, then determine reason and get assurance that the monitoring plan will be followed. Lost quarterly monitoring cannot be recovered, however, no flow has been reported for this site since June 2000.
- Determine the status of missing parameters for 2-2-W. Have data input in database if available. If the parameters were not analyzed or measured, then determine the reason and get assurance that the monitoring plan will be followed. These parameters have not been water quality issues at this site in the past, so the missing data should not be a problem if monitoring resumes second quarter 2003.